

Marked-up Version Showing Amendments

In the Specification:

The paragraph spanning from page 8, line 20 to page 9, line 3, has been amended as follows:

--A collection and screening process has been developed to readily isolate many strains of microorganisms with the following combination of economically desirable characteristics for the production of omega-3 HUFAs: 1) capable of heterotrophic growth; 2) high content of omega-3 HUFAs; 3) unicellular; 4) preferably low content of saturated and omega-6 HUFAs; 5) preferably nonpigmented, white or essentially colorless cells; 6) preferably thermotolerant (ability to grow at temperatures above 30°C); and 7) preferably euryhaline (able to grow over a wide range of salinities, but especially at low salinities). Suitable water samples and organisms typically can be collected from shallow, saline habitats which preferably undergo a wide range of temperature and salinity variation. These habitats include marine tide pools, estuaries and inland saline ponds, springs, playas and lakes. Specific examples of these collection sites are: 1) saline warm springs such as those located along the Colorado river in Glenwood Springs, Colo., or along the western edge of the Stansbury Mountains, Utah; 2) playas such as Goshen playa located near Goshen, Utah; 3) marine tide pools such as those located in the Bird Rocks area of La Jolla, Calif.; and 4) estuaries, such as Tiajuana estuary, San Diego County, Calif. This process is described in detail in related U.S. Patent No. 5,130,242.--

In the Claims:

Claims 38, 53, 59, 60 and 63 have been amended as shown below. All other claims remain unchanged.

Claims 75-85 have been added.

38. (Once amended) A method for reducing corrosion of a fermentor during growth of microorganisms in a saline fermentation medium, said method comprising:

obtaining microorganisms from a saline environment;

growing the microorganisms in the fermentor comprising a culture medium in which one of the primary inorganic ions is sodium which is provided in the form of a non-chloride sodium salt, wherein the culture medium contains a chloride concentration of less than about